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TECH CENTER 1600/2900



1600

RAW SEQUENCE LISTING

DATE: 09/26/2003

PATENT APPLICATION: US/09/874,475A

TIME: 08:20:30

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\09262003\I874475A.raw

5 <110> APPLICANT: Petropoulos, Christos J.
7 Parkin, Neil T.
9 Whitcomb, Jeanette
11 Huang, Wei
15 <120> TITLE OF INVENTION: COMPOSITIONS AND METHODS FOR EVALUATING VIRAL RECEPTOR/CO-
RECEPTOR USAGE
16 AND INHIBITORS OF VIRUS ENTRY USING RECOMBINANT VIRUS ASSAYS
20 <130> FILE REFERENCE: 2793/65166
24 <140> CURRENT APPLICATION NUMBER: 09/874,475A
26 <141> CURRENT FILING DATE: 2001-06-04
30 <160> NUMBER OF SEQ ID NOS: 16
34 <170> SOFTWARE: PatentIn version 3.1
38 <210> SEQ ID NO: 1
40 <211> LENGTH: 26
42 <212> TYPE: DNA
44 <213> ORGANISM: Artificial Sequence
46 <220> FEATURE:
47 <223> OTHER INFORMATION: Description of Artificial Sequence: RT Primers for HIV
envelope
50 <400> SEQUENCE: 1
51 ggagcattta caagcagcaa cacagc 26
54 <210> SEQ ID NO: 2
56 <211> LENGTH: 21
58 <212> TYPE: DNA
60 <213> ORGANISM: Artificial Sequence
62 <220> FEATURE:
63 <223> OTHER INFORMATION: Description of Artificial Sequence: RT Primers for HIV
envelope
68 <400> SEQUENCE: 2
69 ttccagtcav acctcaggta c 21
72 <210> SEQ ID NO: 3
74 <211> LENGTH: 19
76 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: Description of Artificial Sequence: RT Primers for HIV
envelope
86 <400> SEQUENCE: 3
87 agaccaatga cttayaagg 19
90 <210> SEQ ID NO: 4
92 <211> LENGTH: 35
94 <212> TYPE: DNA
96 <213> ORGANISM: Artificial Sequence
98 <220> FEATURE:

ENTERED

99 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer

101 <400> SEQUENCE: 4

102 gggctcgaga ccggtcagtg gcaatgagag tgaag

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105 <210> SEQ ID NO: 5
107 <211> LENGTH: 37
109 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
118 <400> SEQUENCE: 5
119 gggctcgaga ccggtgagca gaagacagtg gcaatga 37
122 <210> SEQ ID NO: 6
124 <211> LENGTH: 36
126 <212> TYPE: DNA
128 <213> ORGANISM: Artificial Sequence
130 <220> FEATURE:
131 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
135 <400> SEQUENCE: 6
136 gggctcgaga ccggtgagca gaagacagtg gcaatg 36
139 <210> SEQ ID NO: 7
141 <211> LENGTH: 35
143 <212> TYPE: DNA
145 <213> ORGANISM: Artificial Sequence
147 <220> FEATURE:
148 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
152 <400> SEQUENCE: 7
153 ggggtctagaa cgcgttgcca cccatcttat agcaa 35
156 <210> SEQ ID NO: 8
158 <211> LENGTH: 38
160 <212> TYPE: DNA
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
169 <400> SEQUENCE: 8
170 ggggtctagaa cgcgtccact tgccacccat bttatagc 38
173 <210> SEQ ID NO: 9
175 <211> LENGTH: 34
177 <212> TYPE: DNA
179 <213> ORGANISM: Artificial Sequence
181 <220> FEATURE:
182 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
186 <400> SEQUENCE: 9
187 ggggtctagaa cgcgtccact tgccacccat btta 34
190 <210> SEQ ID NO: 10
192 <211> LENGTH: 38
194 <212> TYPE: DNA
196 <213> ORGANISM: Artificial Sequence
198 <220> FEATURE:
199 <223> OTHER INFORMATION: Description of Artificial Sequence: PCR primer
203 <400> SEQUENCE: 10
204 gatggtctaa gacgtgttc aatatccctg cctaactc 38
207 <210> SEQ ID NO: 11

RAW SEQUENCE LISTING

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209 <211> LENGTH: 10
211 <212> TYPE: PRT
C--> 213 <213> ORGANISM: Artifical Sequence
215 <220> FEATURE:
216 <223> OTHER INFORMATION: Description of Artificial Sequence: Viral Entry Inhibitor
Resistance
217      Mutation
221 <400> SEQUENCE: 11
223 Gln Leu Leu Ser Gly Ile Val Gln Gln Gln
224 1              5              10
227 <210> SEQ ID NO: 12
229 <211> LENGTH: 10
231 <212> TYPE: PRT
233 <213> ORGANISM: Artificial Sequence
235 <220> FEATURE:
236 <223> OTHER INFORMATION: Description of Artificial Sequence: Viral Entry Inhibitor
Resistance
237      Mutation
240 <400> SEQUENCE: 12
242 Gln Leu Leu Ser Ser Ile Met Gln Gln Gln
243 1              5              10
246 <210> SEQ ID NO: 13
248 <211> LENGTH: 10
250 <212> TYPE: PRT
C--> 252 <213> ORGANISM: Artifical Sequence
254 <220> FEATURE:
255 <223> OTHER INFORMATION: Description of Artificial Sequence: Viral Entry Inhibitor
Resistance
256      Mutation
260 <220> FEATURE:
262 <221> NAME/KEY: MISC_FEATURE
264 <222> LOCATION: (5)..(5)
266 <223> OTHER INFORMATION: Where X= G or S
270 <220> FEATURE:
272 <221> NAME/KEY: MISC_FEATURE
274 <222> LOCATION: (7)..(7)
275 <223> OTHER INFORMATION: Where X= V or M
279 <400> SEQUENCE: 13
W--> 281 Gln Leu Leu Ser Xaa Ile Xaa Gln Gln Gln
282 1              5              10
285 <210> SEQ ID NO: 14
287 <211> LENGTH: 10
289 <212> TYPE: PRT
C--> 291 <213> ORGANISM: Artifical Sequence
293 <220> FEATURE:
294 <223> OTHER INFORMATION: Description of Artificial Sequence: Viral Entry Inhibitor
Resistance
295      Mutation
299 <400> SEQUENCE: 14
301 Gln Leu Leu Ser Asp Ile Val Gln Gln Gln
302 1              5              10
305 <210> SEQ ID NO: 15
307 <211> LENGTH: 10

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Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\09262003\I874475A.raw

309 <212> TYPE: PRT

C--> 311 <213> ORGANISM: Artificial Sequence

314 <220> FEATURE:

315 <223> OTHER INFORMATION: Description of Artificial Sequence: Viral Entry Inhibitor

Resistance

316 Mutation

320 <220> FEATURE:

322 <221> NAME/KEY: MISC_FEATURE

324 <222> LOCATION: (5)..(5)

326 <223> OTHER INFORMATION: Where X= G or D

330 <400> SEQUENCE: 15

W--> 332 Gln Leu Leu Ser Xaa Ile Val Gln Gln Gln

333 1 5 10

336 <210> SEQ ID NO: 16

338 <211> LENGTH: 36

340 <212> TYPE: PRT

342 <213> ORGANISM: Artificial Sequence

344 <220> FEATURE:

345 <223> OTHER INFORMATION: Description of Artificial Sequence: Fusion Inhibitor Peptide

349 <400> SEQUENCE: 16

351 Tyr Thr Ser Leu Ile His Ser Leu Ile Glu Glu Ser Gln Asn Gln Gln

352 1 5 10 15

355 Glu Lys Asn Glu Gln Glu Leu Leu Glu Leu Asp Lys Trp Ala Ser Leu

356 20 25 30

359 Trp Asn Trp Phe

360 35

RAW SEQUENCE LISTING ERROR SUMMARY
PATENT APPLICATION: US/09/874,475A

DATE: 09/26/2003
TIME: 08:20:31

Input Set : A:\PTO.YF.txt
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Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:13; Xaa Pos. 5,7
Seq#:15; Xaa Pos. 5

Invalid Line Length:

The rules require that a line not exceed 72 characters in length. This includes spaces.

Seq#:1; Line(s) 15

VERIFICATION SUMMARY

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TIME: 08:20:31

Input Set : A:\PTO.YF.txt

Output Set: N:\CRF4\09262003\I874475A.raw

L:213 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:11
L:252 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:13
L:281 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:13 after pos.:0
L:291 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:14
L:311 M:220 C: Keyword misspelled or invalid format, <213> ORGANISM for SEQ ID#:15
L:332 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:15 after pos.:0